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62.71

1916

RECEIVED

Russellville Nursery Co.

(Incorporated)

Portland, Oregon

R. F. D. 1

Box 265

- Apples
- Apricots
- Pears
- Cherries
- Quince
- Plums
- Prunes
- Peaches

R. F. D.....

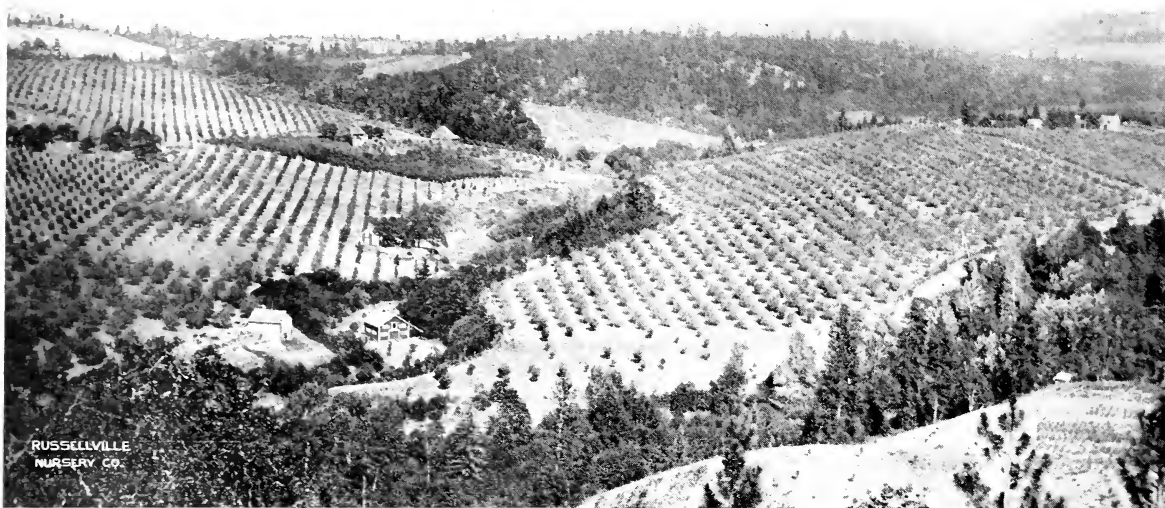
Box.....

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Economic collection,
Bureau of Plant Industry,
Washington, D.C.

U. S. DEPARTMENT OF AGRICULTURE
Official Business.
PENALTY FOR PRIVATE USE, \$300.

Nursery Co.
1915-1916.



DISTANCES RECOMMENDED FOR PLANTING.

Apples (Standard)	25 to 40 ft. each way	Currants	5 ft. x 3 ft.
Pears (Standard)	20 to 35 ft. each way	Gooseberries	5 ft. x 3 ft.
Quince	15 ft. each way	Strawberries (hills)	36 in. x 18 in.
Peaches	18 to 24 ft. each way	Strawberries (matted rows)	48 in. x 12 in.
Plums	15 to 20 ft. each way	Grapes	8 x 8 to 10 x 12 ft
Cherries	25 to 40 ft. each way	Asparagus	4 x 1 ft.
Blackberries	6 ft. x 4 ft.	Rhubarb	4 x 2 ft.
Raspberries	6 ft. x 3 ft.		

NUMBER OF PLANTS PER ACRE AT VARIOUS DISTANCES

In planting trees the greater distance should be given in the richer soils.

DISTANCE APART	Square Method.	Triangular.	DISTANCE APART	Square Method	Triangular.
1 foot apart each way	43,560	50,300	15 feet apart each way	193	223
2 feet apart each way	10,890	12,575	16 feet apart each way	170	196
4 feet apart each way	2,722	3,143	20 feet apart each way	108	125
6 feet apart each way	1,210	1,397	25 feet apart each way	70	81
9 feet apart each way	537	620	30 feet apart each way	48	55
10 feet apart each way	435	502	40 feet apart each way	27	31

RULE SQUARE METHOD—Multiply the distance in feet between the rows by the distance the plants are apart in the rows; this gives the number of square feet for each plant or hill, divided into the number of feet in an acre (43,560) gives the number of plants or trees to an acre.

RULE TRIANGULAR METHOD—Divide the number required to the acre "square method" by the decimal .866. The result will be number of plants required to the acre by triangular planting.

○

PLANTING BOARD

○

When your stakes are placed, where the trees are to be set, take an inch board 6 inches wide and 6 feet 6 inches long, bore a 3/4 inch hole in the center of each end and cut a notch in the side at center that your trees will fit into. Now take two small stakes 12 inches long that will slip easily through the end holes, place the center notch around the stake where the tree is to stand, place a small stake through each of the holes in the ends, now lift your board leaving the small stakes in the ground, dig the hole, replace the board over the stakes and set the tree in the notch, plant it in this position and your orchard will "line up" perfectly.

GUARANTEE OF GENUINENESS

While we exercise the greatest care to have all our stocks true to label, and hold ourselves in readiness on proper proof to replace all trees, etc., that may prove untrue to label free of charge, or refund the amount paid, it is mutually understood and agreed to between the purchaser and ourselves, that our guarantee of genuineness shall in no case make us liable for any sum greater than that originally received for said trees, etc., that may prove untrue.

1915-16

Russellville Nursery Co., Inc.

RUSSELLVILLE NURSERIES adjoin the city limits of Portland in the Mt. Tabor district. First plantings were made in 1891, just twenty-two years ago, and today we have one hundred and forty acres in fruit and ornamental stock, clean and well grown, and of the most useful and valuable commercial varieties.

We grow all of the items listed herein and guarantee variety and freedom from disease and pests.

Visitors are always welcome (except on Sundays, when the grounds are closed), and your inspection will convince you of the superior quality of our trees, as location, soil, favorable growing conditions and long experience all combine to produce sturdy, vigorous stocks of a quality seldom equalled and never surpassed.

Russellville Nurseries can be reached from the end of Montavilla car line, walking east to Russellville road, which leads directly into the grounds.

The new Mt. Hood Railway's passenger and freight trains stop at our own station. This gives the best service and shipping facilities, as cars can be loaded at our packing sheds and shipments will go forward promptly.

Early orders for delivery in season are more satisfactory to both grower and purchaser and we ask that you send in your list as soon as possible. If uncertain as to what varieties are best for your section or market write us. We can advise you.

RUSSELLVILLE NURSERY CO., Inc.

Terms are cash with order. — no goods will be sent C. O. D.

PLANTING

WE use every precaution to deliver healthy, vigorous stock, but the measure of your success will depend upon the planting and care given, as careless or ignorant handling kills thousands of fine trees and plants every season. Avoid unnecessary exposure of roots to the air. In the case of evergreens that are "balled," **do not remove the burlap.** Plant as received, only cut the string around the top, then **loosen the burlap after the tree is set.** If you cannot plant immediately on receipt, **always "heel" in the trees so their roots may be in contact with good soil.** An hour's exposure of roots to wind or sun may kill any tree; this is especially true of evergreens. In planting cut off the bruised or broken roots with a sharp knife.

If the soil is good and properly prepared, only a hole large enough to easily take the roots need be dug, but better results can always be obtained by digging out a large space and filling in with good top soil. In setting the trees, put 2 to 3 inches deeper than they stood in the nursery, excepting some dwarfs, which go a little deeper. But now comes the important detail, the neglect of which is responsible for many failures—

Be sure to pack the earth solidly around the roots. Leaving the ground loose after planting has caused tremendous losses that are generally and unjustly blamed to the nurseryman. Another cause of great loss is the wind working the newly set trees loose from the soil. This kills them. Always stake newly set trees if in a windy situation. After trees are set, make a plan of the grounds, marking the different varieties, then remove the wire labels, as they may damage the growing limb.

KEEPING TREES OVER WINTER FOR SPRING PLANTING

This can easily be done by following the simple instructions given below:

Select a well-drained spot where the soil is mellow, and dig a trench deep enough to cover the roots well; put in one layer of trees, placing them so they will not be erect but at a decided angle; pack the dirt firmly about the roots, then place the next layer. When trees are all "heeled" in, cover the tops with boughs or bank up the earth over them. Be sure there is no grass or rubbish near to harbor mice. In mild situations where winters are not severe, do not bury or cover the tops; simply "heel in." Trees thus kept are on hand ready for planting as soon as the frost is out of the ground and will be found well preserved and are more sure to grow than later spring planting. Besides, you get better service by ordering in the early fall as stocks are more complete.

If trees are frozen in transit, do not unpack, but set away in a cool cellar and allow them to thaw gradually. Trees or roses that are dried out and shriveled should be buried, tops and all, in moist earth for a few days. This will restore them.



SEE STATEMENT ON LIABILITY ON FRONT COVER.

WINTER VARIETIES—Continued.

Tolman's Sweet

Medium size, pale, whitish yellow, tinged with red; flesh firm; rich and very sweet; best to preserve; vigorous, productive. November to April.

Grimes Golden

Very popular. Rich golden yellow; flesh tender, juicy and rich. Tree hardy and vigorous, bearing young. November to December.

Delicious

A splendid apple; coming into prominence rapidly. Tree vigorous and hardy and the fruit equals the name in every respect. Fine for market and home use and especially adapted to Eastern Oregon and Washington. Keeps till April.

Black Ben Davis

Superior to the Ben Davis and Gano. A drought resister; fruit is very handsome, dark in color; of fair quality. October to January.

Salome

Early and annual bearer; very hardy; fruit medium and uniform; quality good. November.

McIntosh Red

A seedling of the Fameuse; bright red, flesh white, very tender and delicious. Long lived and very productive. Adapted to Montana. November.

Gano

Fruit is a bright red on yellow ground, large oblong, smooth. Tree vigorous and prolific bearer. Fine keeper. November to April.

Opalescent

Probably the handsomest apple ever introduced. Color light, shaded to a very dark crimson; skin smooth; susceptible of a very high polish reflecting objects like a mirror; flesh yellowish, tender, juicy and good. It is not only a beauty, but all right for size, quality and productiveness; qualities rarely combined in one variety.

NEW VARIETIES OF APPLES.

Note prices following each variety. Nice stocky trees.

Winterstein

A winter apple of the Gravenstein type; flesh yellowish, very tender, rich, spicy, sub-acid, highest quality, with a flavor all its own. Originated by Luther Burbank, of California, who says: "The tree is about the best grower and bearer we have ever seen." November.

Price, each, 50c.

Bismark

The apple novelty; everyone should try it; tree of short, stocky growth, thick, healthy foliage; fruit large, handsome, yellowish sometimes shaded red cheek; flesh tender, pleasantly sub-acid; entirely new; seldom failing to bear when two years old. September.

Price, each, 25c.

Clayton

Winter; large, yellow, striped red; productive. December to January. Price, each, 25c

Multnomah (New)

A grand new sort; a hybrid between the American Pippin and Rome Beauty. Originated by H. A. Lewis. Fruit, large; color red, striped yellow; flesh white and fine and of sub-acid flavor; extra long keeper and in its prime from February to June; the coming apple for long distance shipment and Oriental trade.

Price, each, 50c

Winter Banana

Fancy market fruit; pale yellow with pink blush. Has a delightful aroma and suggestive banana flavor. Not a good shipper. November.

Price each 25c

Bonum

Tree upright, spreading, hardy and vigorous; an early and abundant bearer. Juicy, mild sub-acid. Good. A desirable cooking apple.

Price, each 75c.

Hibernal

A new Russian apple; tree a strong, spreading grower and early bearer, and as hardy as the Duchess of Oldenburg; flesh tender, crisp, juicy, sharp acid; fair and handsome; late Winter.

Price, each 75c.

Dickinson

This valuable new apple is a seedling of Yellow Belleflower, raised in Chester County, Pa. Tree vigorous and healthy. Has proved itself to be an early, abundant and annual bearer. Fruit size, form and color of above cut. Grown in south-eastern Penn., it keeps until March. Hangs well on the tree. Price, ea. 75c.

Arkansas Beauty

A Southwestern variety of great promise; by many considered the most beautiful of all apples; a rich sub-acid; quality best and keeps till March.

Price, each 75c.

Lady Hen'iker

Fruit very large; roundish, with blunt angles on the sides; skin yellow on the shady side, with faint blush of red on the side next the sun; flesh tender, well flavored, and with a pleasant perfume. Valuable for cooking, also a dessert apple. Tree a full grower, very healthy and a great bearer.

Price, each 75c.

Anisim

A very beautiful dessert apple. Its great beauty and productiveness in all soils unite to recommend it to all orchard growers. Good.

Price, each 75c.

DWARF TREES

These are ideal for home gardens; come into bearing early and yield large crops of choicest fruits. Forty Dwarf Trees can be planted in a space 50 feet square and will not shade the ground, which can be cultivated between the trees. For best results Dwarf Trees must be planted in good rich soil and be well cared for; they should be pruned back about two-thirds of their new growth each spring.

DWARF APPLES

Baldwin	Jonathan	Spitzenberg	Bartlett	Fall Butter	Comice
Red Astrachan	Gravenstein		Beurre de Anjou	L. B. de Jersey	
Bismark	Rome Beauty	Yellow Transparent	Shelton		

Price each, 50c; 10, \$4.00; 100, \$35.00

DWARF PEARS

PLACE YOUR ORDER EARLY SO THAT WE CAN RESERVE FIRST CLASS STOCK.

CRAB APPLES

Nice stocky trees, each 25c; per 10, \$2.25.

Florence

Large, handsome; red striped; early; good annual bearer, juicy and crisp; fine for the home garden. September 1.

Transcendent

Very large, pleasant flavor and good for cider; yellow striped red. Very productive. Adapted to Montana. September.

Yellow Siberian

Fruit small, fine golden yellow. Good. August.

Hyslop

Large, deep crimson; tree hardy, fine for the West. November, January.

Red Siberian

Yellow with scarlet cheek. Bears young and abundantly. September.

Whitney No. 20

Tree thrifty, upright grower. Fruits large, striped; flesh firm and juicy. Very good. August.

APRICOTS

Prices except where noted:

	each	Per 10	Per 100	Per 1000
First Grade, 4 to 6 feet	25c	\$2.25	\$17.50	\$150.00
1 year, 3 to 4 feet	20c	1.75	15.00	125.00

The Lewis

The new Lewis Apricot is the largest, strongest growing, best yielding, best flavored apricot we have ever seen, and is perfectly hardy. Grown extensively in the "Good-noe Hills" district. July, August.

Price, each, 35c; 10, \$2.50; 100, \$20.00

Moorpark

Very large, yellowish green, brownish red on the sunny side; flesh bright orange; fine for canning and drying; freestone. July, August.

Royal

Above medium size; sweet, rich, juicy; good dryer and canner. July.

Tilton

Large; rich color, high flavor; very productive; similar to Royal; later. July.

Blenheim

Deep orange, sometimes blushed; tender, rich and juicy. Tree vigorous. Good for Pacific Coast. Last of June.

Hemskirke

Large, flesh bright orange; tender, plum like flavor. July.

PEARS

	each	Per 10	Per 100	Per 1000
First Grade, 2 year	40c	\$3.00	\$25.00	\$200.00
1 year, 4 to 6 feet	35c	2.50	20.00	175.00

50 at hundred rate—500 at thousand rate.

SUMMER VARIETIES.

Bartlett

Large; skin thin, clear, lemon yellow, with soft blush on the sunny side; flesh white, buttery, very juicy and highly flavored; the best summer pear in existence. August, September.

Seckel

Rich and highly flavored; its highly concentrated, spicy, honey flavor is unequaled; skin brownish green, russet brown cheek; flesh whitish, buttery and melting. September, October.

Howell

Very prolific, upright. Fruit large and sweet, with a russett-yellow color. August.

Clapp's Favorite

Large, pale lemon yellow, marbled with crimson; flesh fine grained and melting, with rich vinous flavor. July, August.

Madeline

Medium, pale yellow; flesh melting and juicy; the first early pear. June.

AUTUMN VARIETIES.

Beurre Bosc

Large, beautiful, russety; highly flavored; fine for shipping. September.

Louise Bonne de Jersey

Large, greenish yellow, brownish red in the sun, marked with gray dots; flesh juicy, melting; very prolific. October.

Beurre D'Anjou

Large, handsome, fine flavor; tree vigorous; heavy bearer; keeps till Christmas. September.

Kieffer

A good shipper and keeper. Large and very handsome; yellow and dotted. Flesh slightly coarse but juicy. October.

Buffum

A good early pear. Tree bears annually. Fruit is of a very pleasant, agreeable flavor. A good market fruit. Price, each 75c.

Fall Butter

A favorite fall pear; yellow, sweet and juicy. September.

Beurre Clairgeau

Large, yellow, shaded with orange and crimson; covered with russet dots; flesh yellowish, buttery, juicy. September.

Comice

A splendid commercial variety, being of fine size; good appearance; ships well. October.

Flemish Beauty

Large, beautiful, rich and sweet; pale yellow with slight russett. Adapted to Montana and the Northwest. September, October.

Dewey's Premium

This is an extraordinary fine, late autumn pear. Quality good, large size, very handsome. Tree vigorous, and annual bearer, and as free from blight as Keiffer. Origin, Ohio.

Price, each 75c.

WINTER VARIETIES.

Roosevelt (New)

Size very large, shape roundish. Flesh fine texture, juicy, melting. Ground color yellow, clouded with salmon rose. Season October.

Price, each 50c.

Winter Nellis

Medium; skin yellowish green, dotted with gray russet; flesh yellowish white; fine grained, of a rich saccharine, aromatic flavor. December.

Vicar of Wakefield

Large, long, green in color; sweet, good keeper; heavy yielding; hardy winter sort.

P. Barry

Fine keeper. Very large; juicy, fine grained, yellow. December, March.

Crocker Bartlett (New)

In shape, oblong, large and of a rich golden color. Skin rather thick but tender; flesh yellowish, buttery, juicy, sub-acid to sweet and very rich. Tree very vigorous, so far unblighted. October. Price, each, 50c; per 10, \$4.50.

Winter Bartlett

This fine pear originated in Eugene, Oregon. Fruit large, closely resembling the famous Bartlett in shape and appearance, but ripening considerably later; flavor almost identical with the Bartlett; is undoubtedly one of the few pears of recent introduction of real merit.

Price, each, 50c; per 10, \$4.50.

Buerre Easter

Large, oval, yellow, with red cheek; excellent winter pear; February, January.

Pound Pear

Intensely large; coarse grained, for cooking and preserving. Fair keeper. November, January.

Lincoln Coreless

Practically coreless; very late. Fruit should be picked when green. Large, quality good. Fairly hardy and good bearer.

Idaho

A native of Idaho. Shaped more like an oblong yellow apple than a pear. Delicious flavor. Last of September to December.



SEE PAGE 5 FOR DWARF PEARS.

CHERRIES

	each	Per 10	Per 100	Per 1000
First Grade, 2 year	50c	\$4.00	\$30.00	—
1 year, 4 to 6 feet	40c	3.50	25.00	200.00
1 year, 3 to 4 feet	25c	2.00	17.50	150.00

Abundance. (Burbank's Production)

Seedling of the Royal Ann. Fruit larger, handsomer, as firm, better form and color, sweeter and far more delicious; never cracks. Ripens one week later than Royal Ann, just right for the canners. With the Abundance, you can make one acre of cherries yield you the profit of two acres of Royal Anns.

1 year, 4 to 6 feet, each \$1.00.

Burbank (Burbank's Production)

The earliest of all large cherries; the fruit is extremely large for an early cherry, attractive deep crimson color, and of superior quality; The Burbank produces as well or better than most late cherries, but it brings the early market price. This cherry means profit to you..

Price, each \$1.00.

Bing

Originated in Oregon, from seed of Black Republican; fruit large, dark brown or black; very fine; late; good shipping variety. July.

Black Tartarian

Largest size; flesh purple, crisp, tender and juicy. Late May.

Black Republican (Lewelling)

Seedling, raised by Seth Lewelling, of Oregon; large size, black sweet, with purplish flesh; late and a good shipper. June.

Kentish (Early Richmond)

Dark red, juicy; one of the best sour cherries and unsurpassed for cooking purposes; very productive. Mid-May.

Late Duke

Large, light red; late and excellent, sub-acid. Late July.

Oregon

Large, black, solid, free, vigorous and productive; a fine shipper. July.

English Morello

Large deep red; tree small and slender. July.

Rochaline (New)

A new German cherry, larger and redder than the Royal Ann; better shipper and more prolific bearer. July. Each, 60c.

Montmorency

Large, sour fruit, similar though larger than the Early Richmond. Quite hardy. May.

Lambert

Fruit of largest size and of fine quality; color deep, rich red; flesh firm and of fine flavor; a fine market variety; ripens two weeks later than Royal Ann. Mid-July.

May Duke

Large, rich, dark red; flesh tender, juicy and sub-acid; an excellent variety, and one of the earliest of its class. May.

Miller's Late

This new cherry resembles the Late Duke in color, shape and flavor, but it is a larger and later variety, which makes it very valuable and desirable. August. Price, each 60c.

New Giant

Claimed by the originator to be equal in every way to the famous Lambert, but to possess the good points of being a larger and later cherry. A strong, vigorous grower; heavy cropper.

Royal Ann

(Napoleon Bigarreau.) A magnificent cherry of the largest size; pale yellow, becoming amber in the shade; richly dotted and spotted with deep red, and with a bright red cheek; flesh very firm, juicy and sweet; tree a rapid grower and immense bearer. July 1.

Governor Wood

Deep yellow, shaded red; good for table and canning. June.

Major Francis (Ox Heart)

Similar to the May Duke, though a little more spicy in flavor. Ripens earlier than May Duke.

QUINCE

	Each	Per 10
First Grade, 2 year	\$0.50	\$4.00

Champion

Large, yellow; flesh cooks very tender; flavor is most delicious; more productive than the Orange. October.

Apple or Orange

Well known standard variety; early; large, golden yellow; good for preserving or flavoring. September.

Meech

Beautiful yellow, but rather small; not so marketable as some larger sorts. Tree a young and unfailing bearer.

Pineapple

Flavor is suggestive of the pineapple; the fruit resembles the Orange quince; making superior jelly; can be eaten raw and has a most exquisite and delicious flavor, not equaled by any other quince. September.

Rea's Mammoth

Large, bright yellow; a strong grower and very productive. October.



SEE STATEMENT ON LIABILITY ON FRONT COVER.

PRUNES

	each	Per 10	Per 100	Per 1000
First Grade, 2 year	20c	\$1.80	\$15.00	\$125.00
1 year, 4 to 6 feet	15c	1.35	12.50	110.00
1 year, 3 to 4 feet	15c	1.25	9.00	80.00

Giant

Largest prune known; fruit averaging 1½ to 2 ounces each; retaining the good qualities of the smaller varieties.

Hungarian

Very large; dark red, juicy and sweet; good shipper. August.

Sugar (New)

Tree vigorous grower; early variety; fruit ripens 28 days before the French; is four times as large and dries in half the time; flesh tender and rich in sugar; color dark purple. Early August.

Pacific

Large, sweet; same color as Italian. Good canner or to eat raw. Early August.

Petite (French)

Medium, egg shaped; violet purple; sweet, rich and sugary; very productive; standard variety for drying. August.

Tragedy

Dark purple; flesh yellowish green; very rich and sweet. Early July.

Silver

Seedling of the Coe's Golden Drop; tree vigorous and productive; fruit large and superior; excellent for drying or canning. September.

Italian (Fellenberg)

Large, oval, tapering at both ends; dark purple; flesh greenish yellow; separates freely from the stone; best for drying. August.

New Standard (Burbank Production)

The trees are enormous and never failing bearers, and good, healthy growers. Well grown fruits measure four and a half inches around one way by nearly six inches the long way. Skin purple, with a heavy blue bloom; flesh amber or honey yellow, fine grained, juicy, yet firmer than most other drying prunes, very sweet and a perfect freestone.

Price, each 50c; 100, \$35.

PLUMS

	each	Per 10
First Grade, 2 years	25c	\$2.00
1 year, 4 to 6 feet	20c	1.75

Abundance

Fruit large and beautiful; bright cherry; flesh light yellow; juicy, tender, sweet; productive; freestone. June.

"Apex" Plumcot (Burbank Production)

A cross between the plum and the apricot. This wonderful new fruit ripens with the earliest of all the early plums. The tree is a stout, compact, upright grower and has never failed to carry a full crop even where apricots of all kinds cannot be grown. The fruit is very large, globular, five and one half to six inches around each way; beautiful deep pink or light crimson; freestone; flesh honey yellow, firm, rich, aromatic, apricot-like; wholly unequalled in its combination of size, beauty, productiveness and quality by any other early fruit of any kind.

Price, each 75c.

Bradshaw

Reddish purple, juicy and pleasant; adheres partially to the stone. July.

Columbia

Largest size, nearly globular; brownish purple; rich, sugary, freestone. August.

Damson

Small, oval, bluish purple; flesh melting, rather tart. Tree very fruitful and hardy. August.

Damson—Shropshire

Medium size, dark purple; very firm; flesh greenish, juicy and rich. Vigorous. Late September.

Bartlett

Yellow, turning to crimson when ripe; flesh salmon colored, firm and juicy. Last of June.

Lombard

Tree vigorous, hardy and productive; fruit medium size, round, oval; skin a violet red, paler in shade, flesh deep yellow, juicy and pleasant. August.

Satsuma (Blood Plum)

Quite popular; large, dark red from skin to pit, which is small, firm and juicy; tree productive. Early July.

Maynard

Dull red, large, round and firm; rich and sweet; sturdy, quick-growing, heavy-yielding variety; extra fine; ripens in July.

Peach

Very large; skin brownish red, slightly coarse grained, but juicy; freestone; very popular. July.

Washington

A large plum; skin dull yellow, with a pale crimson blush; flesh firm; very sweet and luscious; freestone. Early August.

Yellow Egg

Very large; skin of a deep golden color, but rather acid; excellent for cooking; very showy. August.

Green Gage

Small round; flesh pale green, melting and juicy; freestone. Mid-July.

Formosa

Japanese plum, unequalled; large, heart shaped and cherry red. Flesh firm, sweet and rich; pale yellow; fancy trade. Tree vigorous. July.

Burbank

Medium; globular; cherry red, with lilac bloom; flesh yellow; bears very young. Late June.

PLUMS — Continued

Coe's Golden Drop

Very large; light yellow; sweet and delicious. Late September.

Grand Duke

Dark purple; flesh greenish yellow, with rich flavor; fine shipper. Late August.

Reine Claude

Fine for canning, greenish yellow spotted with red, of finest quality. Late September.

Wickson

Heart shaped; deep red with white bloom. Flesh amber color and good quality, very juicy; large, and a good shipper and keeper. Early August.

PEACHES

	each	Per 10	Per 100	Per 1000
1 year, 4 to 6 feet	25c	\$2.00	\$15.00	\$125.00
1 1/2 year, 3 to 4 feet	20c	1.50	12.50	100.00

Early Alexander

One of the largest and best of the extra early varieties. Almost freestone. July.

Early Charlotte

Hardy, medium early, excellent flavor; originated in Oregon. Freestone.

Hale's Early

Early, free; extra quality; hardy; prolific.

Early Crawford

Very large, yellow, with red cheek; flesh sweet and excellent; our most popular peach for table and canning; freestone. August.

Elberta

Very large, bright yellow, red cheek; flesh yellow; juicy, sweet; regular bearer; fruit very showy and perfect freestone. Late July.

Foster

Large yellow, dark red on the sunny side; very rich, juicy and early; freestone. Late July.

Late Crawford

Very large, roundish; yellow, with dark red cheeks; flesh deep yellow; juicy and melting; flavor rich and excellent; freestone; valuable for canning and drying. September.

Muir

Large, pale yellow; very firm and sweet; best for drying; freestone. August.

Mayflower

Beautiful red all over; extremely early; tree hardy and healthy. Should be in every home and commercial orchard. Last of June. Free.

Champion

Large, cream white, slightly blushed. Tree hardy; should be in every orchard. July. Free.

Heath's Cling?

One of the best of the clings. Very large; creamy white, with slight red; flesh white. September.

Lovell

Leads all other freestones, especially in California; medium to large; shaded red; flesh firm and rich. Fine for canning, drying and shipping. Tree vigorous and good bearer. August.

Tuscan Cling

Very large; yellow, blushed red. Vigorous and strong grower. July and August.

Crosby

Medium; rich orange with slight red blush; freestone, pit small, flesh yellow, sweet and juicy. Good shipper; rank grower. Ripens before Crawfords Late.

Krummell October

A magnificent peach; very profitable. Ripens two weeks after Salway, but far better; a good keeper. Free from bitterness, very firm and fine texture. Tree vigorous, hardy. Good for State of Washington. Free. 35c; 10, \$2.50

Salway

Creamy yellow, red cheek; flesh deep yellow, red at the pit; rich and sweet; a standard late peach, growing more and more in favor with orchardists; freestone. Late September.

NECTARINES

Price Same as Peaches.

Boston

Large, deep yellow, bright blush; flesh yellow; very rich and luscious. Best for Oregon. August 1.

Early Violet

Medium; skin pale, shaded violet; flesh white; good. July.

1 year, 4 to 6 feet, 25c each; \$2.00 per 10

GRAPES

Prices except where noted.

2-year Plants..... Each \$0.15;
per 10, \$1.50; per 100, \$8.00; per 1000, \$70.00
If wanted in large numbers, write for prices.

Catawba

Coppery red; best in warm climate; vinous and rich. September.

Isabella

Black, large bunch and berry; good keeper and shipper; vigorous and productive. September.

Campbell's Early

Berries large, nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous; a strong and vigorous grower. August.

2 years, each, 25c; 10, \$2.00; 100 \$15.00

McPike (New)

Bunches are large and compact; grapes of uniform extra large size of a blue black, covered with bloom. Ripens evenly and is of perfect quality; hardy everywhere. September.

Price. 2-year, 25c; 10, \$2.00.

Moore's Diamond

Bunches large; berry greenish white, flesh juicy and almost without pulp.

Moore's Early

Bunch medium; berry large, resembling Concord, but more pulp and is earlier.

Pocklington

Vine very vigorous, hardy and productive; bunch and berry of good size; color a light lemon yellow; flesh moderately tender, sweet. September.

Worden

Bunch very large and compact; berry large, black; an improved Concord. Late August.

Green Mountain

Greenish white, sweet and fine; small bunch. August.

Brighton

A large, delicious, sweet red grape; slightly aromatic, very little pulp. September.

Concord

Large, black grape; bunches compact; berries round, sweet and pleasant. August.

Delaware

One of the finest of our native grapes; grows freely and is perfectly hardy; ripens early; berries small, light red. August.

Eaton

Vigorous grower; very productive; bunches large, compact; fruit large, round, black, covered with a thick blue bloom. September.

Niagara

Bunch medium; berry large, roundish, uniform; skin thin but tough; pale yellow; flesh tender and sweet; vine vigorous and productive; one of the best white grapes. September.

European Varieties

Thompson's Seedless

Very large; greenish yellow; firm, oval and seedless; fine for shipping and raisins; vigorous. September.

Black Cornichon

Berry long, light blue, with a pleasant flavor; very attractive, skin thick. October.

Flaming Tokay

Large, light red; flesh firm and sweet; fine table sort and a good shipper. September.

Malaga

Very large, yellowish green, fleshy. Fine shipper. September.

Black Hamburg

Large, round, coal black; flesh sweet and juicy. Late September.

Sultana

Raisin variety; small, amber colored, seedless. September 1.

Muscat

Raisin variety; especially adapted to California. September.

Dewberry

Price..... Each, \$0.15; per 10, \$1.25; per 100, \$10.00

Gardenia

Large glossy black; delicious; heavy bearer; trailing vine. June.

Lucretia

Very popular, trailing vine. Fruit large, soft, sweet and with no hard core. Hardy, good for this Coast. Last of May.

Price each Per 10 Per 100 Per 1000
..... 15c \$1.00 \$7.50 \$50.00



SEE STATEMENT ON LIABILITY ON FRONT COVER.

Blackberries

	each	Per 10	Per 100	Per 1000
Good 2 year plants	15c	\$1.00	\$ 7.50	\$50.00

Blowers

A new variety, said to be the best; very productive and a good shipper; exceedingly sweet. Ripens just after the Erie. July.

New Mammoth

This new blackberry is of a trailing habit; fruit large, ripens about three weeks earlier than Lawton.

Kittatinny

Large, roundish, conical, glossy black, juicy, sweet, excellent when fully ripe. July.

Eldorado

A valuable new variety; fruit large, jet black, melting, sweet and rich; hardy and very productive; fine for Oregon.

Lawton

Fruit large; very productive; well and favorably known; Oregon's most popular kind.

Evergreen

An Oregon introduction; beautiful lacinated foliage, which it retains all winter; berries long, black, sweet, rich and delicious; ripens from July to November.

Himalaya Giant

An exceedingly strong rampant grower of a trailing nature; everbearing; an enormous yielder. The berries are large, juicy, coreless, sweet and firm, with a delicious aromatic flavor. Its deep-rooting qualities enable it to produce a large, firm berry even in a very dry season.

Loganberry

The fruit is generally larger than the blackberry, often an inch and a quarter long; color, dark red and produced in immense clusters. It partakes of the flavor of both the blackberry and raspberry, a mild, pleasant, vinous flavor, delicious and peculiar to this berry alone. Fruit ripens early, the bulk being gone before the blackberries or raspberries become plentiful. It is excellent for the table, eaten raw or stewed and is excellent for jelly or jam. June.

	each	Per 10	Per 100	Per 1000
Price	15c	\$1.00	\$7.50	\$50.00

Raspberries

RED CAPS

Prices except where noted Each, 15c
Per 10, \$0.75; Per 100, \$4.00; Per 1000, \$20.00

The Improved Superlative

(A new berry of great merit)

The color is a soft red crimson. The berry large and firm, with very small brittle seeds. The healthy, vigorous growth, remarkable productiveness, hardiness, immense size, handsome, uniform shape and rich, luscious flavor make the "Superlative," from the shippers' standpoint, a most desirable berry. It is firm, disease resisting, and earlier than Cuthbert. Each, 15c; 10, \$1.25.

St. Regis

One of the greatest raspberries ever introduced. Berries are large and beautiful, firm and full flavored to the very last. It is the only raspberry, as far as known that is practically sure to produce a crop of fruit the season planted. Each, 15c; 10, \$1.25.

Herbert

Three in one; splendid, large, bright red; strong grower and very productive; originated in Canada; should be tried by every planter. Each, 15c; 10, \$1.25.

Cuthbert

Deep rich red, large and firm; one of the best market berries. Very strong, hardy and productive; ripens medium to late.

Marlboro

Standard, light crimson, large, very firm; should be planted with Cuthbert as commercial variety; ripens early.

Red Antwerp

Earlier and about the size of the Cuthbert; rich flavor; bright red, and a good market or home berry for this climate.

Golden Queen

Yellow, large, fine quality; hardy and productive; should be in every home garden.

 **Stable Manure Is the Best Fertilizer for Berries.**

Black Caps

Prices except where noted:

Choice, well rooted plants, each, 10c; per 10, 90c; per 100, \$6.00; per 1000, \$40.00.

Conrath

The best early Blackcap.

A black raspberry of superior quality, being ten days earlier than Gregg, coming in with the earliest reds. One-sixth of an acre of Conraths produced 38 24-pound crates, netting the grower \$76.00. We especially recommend the Conrath as the best "blackcap" for Oregon. Try it.

Plum Farmer

New; very promising as a table and market berry; large black, hardy and productive. Good quality

Cumberland

Black; very large; similar to Gregg if not better.

Kansas

Black. Similar to Gregg, ripening earlier. Good commercially; strong grower and productive. Drouth resistant.

Munger

Black, very good, juicy and fine for home use.

Gregg

Of good size, fine quality; very productive and hardy. It takes the same position among black caps as Cuthbert among the red sorts.

Gooseberries

Prices except where noted. Each, \$0.10; Per 10, \$0.80; Per 100, \$6.00; Per 1000, \$50.00

Oregon Champion

Berries very large, pale green color; very sweet and fine for table use and pies; bush strong, not very thorny; very prolific bearer; most popular sort we have.

Houghton

Vigorous grower, abundant bearer; fruit of medium size, pale red, sweet and juicy.

Red Jacket (Josselyn)

Of large size; smooth, prolific and hardy; of best quality; a wonderful cropper, with bright, clean, healthy foliage.

Each, 15; 10, \$1.25; 100, \$12.00

Downing

Large, light green; soft, juicy and good. Vigorous and very productive.

Industry

Very large, dark red, of delicious flavor; the best of all English varieties. Bushes strong, upright and very productive.

Each, 20c; 10, \$1.75; 100, \$15.00

Pearl

Large, light yellowish green; very hardy and free from mildew; superior in size and quality. Very prolific.

Currants

Prices except where noted. Each, \$0.10; Per 10, \$0.75; Per 100, \$6.00; Per 1000, \$50.00

NEW VARIETIES.

Perfection

New; largest and most prolific Currant; bright red, rich flavor, mild sub-acid; no currant can approach in yield or quality this wonderful new currant.

Strong plants, each, 15c; 10, \$1.40; 100, \$12.50

Pomona

A splendid new red variety; good keeper; has the record for acreage yield. About the size of Perfection and comes a little later.

Each, 15c; 10, \$1.25; 100, \$10.00

Belle de Boskoop

A splendid new black currant excelling in quality and productiveness. A hardy, vigorous grower; the largest and best black currant.

Strong plants, each, 35c; 10, \$2.50.

WHITE CURRANTS

White Transparent

The best white currant known. To be classed with the Perfection red. Splendid for market and table use; berries large, having a rich flavor; mild sub-acid. Vigorous and very productive.

White Grape

Large, yellowish white, valuable for the table.

Black Naples

Very large, black, rich, tender and fine for jellies and wine. Productive and vigorous.

STANDARD VARIETIES

Cherry

Very large; deep red; fine for preserving; valuable market variety.

Fay's Prolific

Bright red, very sweet, stems longer than Cherry and fruit hangs on better than most varieties. To be planted with Cherry.

North Star

Strongest grower among red varieties; bunches average four inches in length; extra quality; very productive.

Victoria

Large, bright red bunches, very long; an erect grower; late, productive and very valuable.

Cuthbert Raspberry is a money maker and for a Black Cap, plant the Cumberland.

STRAWBERRY PLANTS

CARE FOR AND FEED YOUR PLANTS.

Neglect is the prime factor in strawberry failures, and most strawberry beds suffer from lack of attention and starvation. Proper fertilization and intelligent culture insure enormous crops of finest fruit and freedom from diseases and pests. White grubs, cutworms, crown miners, etc., can all be controlled by preventive measures. Never set strawberries on or near clover sod or hay fields. Better Strawberries or larger crops are not produced anywhere than right here in the Northwest.

New Oregon

Almost an everbearer, a fine cropper and for general purpose or fancy market cannot be equalled. Fruit very large, firm and even in form. Flavor rich, sweet and delicious. Unexcelled for table or for canning. Hardy.

Price, per 100, \$1.00; 1000, \$6.00

Marshall

Very large, dark crimson, fine flavor, good quality; a fine market and table fruit.

Price, per 100, 60c; 1000, \$4.50.

Magoon

A standard variety adapted to Western Oregon and Washington; fruit large, fine and excellent, flavor sub-acid; bears heavily throughout season.

Price, per 100, 60c; per 1000, \$4.50

Gold Dollar

Very early; large, dark red to the center. Foliage heavy, large and spreading, which protects the blooms from frosts; strong stem; a heavy cropper. A price getter and steadily coming into prominence.

Price, per 100, 75c; 1000, \$5.00

Clark's Seedlings

Hood River berry; fine shipper; fruit large, firm and delicious; a prolific bearer and especially adapted to dry soil.

Price, per 100, 60c; 1000 \$4.50.

Wilson

An old standard, a heavy bearer of medium sized berries, sharp acid flavor and splendid for canning and preserving.

Price, per 100, 60c; 1000, \$4.50

Strawberries should be planted 2 by 3 feet. Asparagus the same Distance, using 1/4 lb. of salt to the hill with plenty of stable manure. Rhubarb should be planted 4 feet in the row with plenty of stable manure put on in the fall.

Asparagus Roots

Price Per 100, \$1.25; Per 1000, \$10.00

Conover's Colossal

Best for general planting; tender and highly flavored.

Columbian Mammoth White

Large, white, tender and good, fine market sort.

Palmetto

A valuable sort; earlier, producing enormous and delicious spikes.

Rhubarb Roots


Prices Per dozen, \$0.85; Per 100, \$6.00

Myatt's Linnaeus

Large, early, tender and fine, hard to equal.

Victoria Mammoth

Very large, long stalks; splendid market sort, requiring rich soil.

 The strawberries here offered have all stood the market test and you will be safe in selecting any one of them that will suit your conditions and requirements. They are the best varieties obtainable.

 SEE STATEMENT ON LIABILITY ON FRONT COVER.

NUT TREES

ALMOND

1 year, 3 to 5 feet.....

each	Per 10	Per 100	Per 1000
35c	\$2.50	\$20.00	\$150.00

ALMOND (Nut Bearing)

Almonds can be grown successfully in many sections of Oregon and Washington, and are attracting much attention from commercial orchardists. We can supply most of the leading varieties at price listed. Special prices on large orders.

I. X. L.—A vigorous grower and sure cropper, producing nuts of large size and handsome appearance; shell thin; most popular commercial sort.

Hard Shell—A fine hardy variety with large plump kernel of good quality.

Drake's Seedling

Regular and abundant bearer; soft shell, tree vigorous and productive.

Nonpareil

Tree beautiful, slightly weeping; nut sweet and shell very thin. Best for the home.

Jordan

New, Spanish origin; hard shell, kernel filling the entire cavity. A strong and thrifty grower and a heavy bearer. A commercial variety much in demand.

Ne Plus Ultra

Large and very long; soft shell; hulls free. Tree heavy and regular bearer.

Texas Prolific

Closely resembles Drake's Seedling. Kernel very plump and of medium size. Shell soft and hulls easily. A good cropper.

Japanese Walnut

Vigorous tree from Japan, similar to our native Black Walnut in habit of growth. Nuts fine quality. 2 to 3 feet, each 50c.

HICKORY

Shellbark

Popular Eastern variety, tree hardy but slow grower. Nuts medium size, very good. Quality excellent.

Price, 3 to 4 feet, each, 75c.

CHESTNUT

American Sweet—Makes a handsome shade tree; full medium size, sweet and well flavored.

7 to 8 feet, each, 75c to \$1.00

Spanish—A valuable species, both for ornamental use and fruit. It forms a handsome lawn tree and produces much larger fruit than the American variety.

4 to 6 feet, each, 75c; 7 to 8 feet, \$1.00

Mammoth Japanese—A variety we import from Japan; yields much the best and largest fruit. Each, 75c to \$1.00

Paragon

Nuts large and handsome, sweet and of good quality. Tree hardy and very productive. 4 to 6 feet, each, 75c to \$1.00.

Ridgley

The hardest of the large chestnuts and of exceptionally good quality. 4 to 6 feet, each, 75c to \$1.00.

BUTTERNUT

A beautifully formed tree bearing a rough coated nut of most attractive flavor, well known to the Middle West. Succeeds fairly well in the Pacific States.

Price, each, 50c to 75c

WALNUTS

English or French—The cultivation of English Walnuts on the Pacific Coast is very profitable, and many people are now setting out large groves. If you do not care to set out a field of trees, a row set along the driveway, lane, around the fences, or on a sidehill too steep to cultivate will prove a most profitable investment, and will require very little attention. They are rapid growers, and will make fair-sized trees in a few years. For those who prefer "second generation," we have a fine lot of one and two-year-old trees (the best age to plant). These are nut-bearing, second-generation stock, and of the best varieties on the Coast, Franquette, Mayette, Praeparturien, etc. (Photo on cover.)

California Black

A rapid grower and very desirable; nut medium size, with hard, smooth shell. Adapts itself easily to different climates.

Franquette

Grafted on California Black

Quite large elongated oval, and very attractive, kernel full, sweet and of a rich nutty flavor.

Franquette and Mayette

Second generation, soft shell, selected stock; very good, sweet and good tasting. Trees hardy and prolific bearers. Nuts are rich and meaty, finest commercial sorts.

PRICES

One-y'r-old, well-root'd, e'ch, 25c; 10, \$2.00

Two-y'r-old, well-root'd, tops 2 feet up, 40c

Seedling stock grown from select nuts, 4 to 6 ft., e'ch, 75c; 6 to 8 ft., 75c to \$1.00

GRAFTED STOCK, 4 to 6 feet, \$1.50 to \$2.00

Special prices on large lots.

FILBERTS

Barcelona—Magnificent large nut from Spain, first quality; can be grown as low standard tree or bush. 50c; \$3.50 per 10

DuChilly—The largest Filbert on Pacific Coast. Nuts are broad, 1 inch by $\frac{3}{4}$ of an inch; full fleshed and sweet; best grown as low standard. 50c; \$3.50 per 10

Special prices on large orders.

Kentish Cob

An English variety, of fair quality and liked by many planters. Nuts large and good tasting. 50c; \$3.50 per 10

ORNAMENTALS

SPACE will not permit us to give the very briefest description of ornamentals in this booklet; for complete descriptions reference must be made to Horticultural Department O. A. C., Corvallis, Oregon. We shall be pleased to quote special prices on larger grades than those quoted in the list.

When large trees are planted, they should be cut down to within 8 feet of the ground and all laterals should be shortened in, thinned out if they are too thick and cut away entirely to about 6 feet of the ground.

We shall be pleased to give quotations to persons desiring large quantities. Prices of the following are for the 7 and 8 feet grade only.

Deciduous Trees

ALDER (*Glutinosa*)

Cut Leaved (*G. Imperialis*) Stately tree with large, deeply cut foliage. **Each \$1.00; 10, \$9.00.**

ASH (*Fraxinus*)

American White (*F. Americana*) This is a rapid-growing, long-lived tree of fine proportions and is a very desirable shade tree.

Each, 60c; 10, \$5.00.

European (*F. Excelsior*) Foliage small and deep green. **Each, 60c; 10, \$5.00.**

Flowering (*F. Ornus*) Large clusters of greenish-white fragrant flowers in the Spring. **Each, \$1.50**

BEECH (*Fagus*)

American (*F. Americana*) Unequaled for splendor. **Each 75c; 10, \$6.00.**

European (*F. Sylvatica*) This is the Beech famous in England and seems to thrive equally well in this country. **Each, 75c; 10, \$6.00.**

Fern Leaved (*F. Sylvatica* Var.) European variety, shrub-like and very beautiful for the lawn. **4 to 5 feet, each \$1.00; 10, \$7.50.**

Purple Leaf (*F. Sylvatica Purpurea*) The well-known purple-leaved beech. Its brilliant foliage makes it a very effective tree where rich color effects are wanted. **5 to 6 feet, \$1.00.**

BIRCH (*Betula*)

European White (*B. Alba*) Silvery white bark and slender drooping branches. **Each 75c; 10, \$6.50.**

Cut Leaved (*B. Alba Laciniata Pendula*) Delicately cut foliage, silvery white bark and drooping branches. **Each \$1.25; 10 \$11.00.**

Pyramidal (*B. Alba Fastigiata*) Of slender pyramidal habit. **Each 75c; 10 \$6.50.**

Purple Leaved (*B. Atropurpurea*) Slow grower, spreading habit. Beautiful purple foliage. **4 to 6 feet, each \$1.00; 10, \$8.50.**

CATALPA (*Bignoniodes*)

Bungeii (*B. Nana*) Forms a dense, round umbrella-like head. **Each \$1.50.**

Western *B. Speciosa* Very rapid grower, fine as a quick shade. **Each 75c; 10, \$6.50, 100 \$50.00.**

Cottonwood. See Poplar.

Dogwood (*Cornus Florida*) Flowers white, three inches in diameter, blooming before leaves come in Spring. Grows twenty to twenty-five feet high and is very showy. **Each 60c; 10, \$5.00.**

ELM (*Ulmus*)

American White (*U. Americana*) A native of this section; a magnificent tree with drooping branches. **Each 75c; 10, \$6.50.**

Cork Bark (*U. Alatus*) Desirable for street planting. Young branches very corky. **Each 50c; 10, \$4.50.**

Purple Leaved *U. Campestris Purpurea* Leaves rich purple. **Each 75c; 10, \$6.50.**

American Black (*U. Americana Purpurea*) Same as above though more erect. **Ea. 80c; 10, \$7.50.**

English (*U. Campestris*) A rapid grower, standing erect and compact. Foliage dark green.

Each 50c; 10, \$4.50.

Golden English (*U. Campestris* var.) Leaves a uniform, bronzy gold color.

Each \$1.00; 10, \$8.50.

Empress Tree (*Paulownia Imperialis*) Tropical looking, rapid growing, with large round leaves, purple clusters of flowers in the Spring.

Each 80c; 10, \$7.50.

Fringe (*Chionanthus Virginica*) Small; foliage dark green; bunches of pure white flowers in May. **4 to 6 feet, \$1.00.**

Golden Chain. See Laburnum.

HAWTHORNE (*Crataegus*)

Paul's Double Scarlet (*C. Monogyna Pauli*) A tree of fine habit; flowers bright scarlet, large, full and very double, in heavy clusters on long sprays. **Each 75c; 10, \$6.50.**

Double White (*C. Monogyna Alba Plena*) Flowers small. Leaves lustrous green color.

Each 75c; 10, \$6.50.

Single White (*C. Monogyna*) Flowers single; bright green foliage. Fine for hedge.

Each 50c; 10, \$4.50.

HORSE CHESTNUT (*Aesculus*)

White Flowering (*A. Hippocastanum*) Foliage showy, flowers stand in upright panicles.

Each \$1.00; 10, \$7.50.

Red Flowering (*A. Rubricunda*) Same as above, flowers red. **Each \$1.25; 10, \$8.00.**

Laburnum (*L. Vulgari*) A beautiful small growing tree, with long, drooping racemes of fragrant yellow flowers. **5 to 6 feet, 75c.**

LARCH (*Larix*)

American (*L. Americana*) Tree native, rapid grower. **Each 75c; 10, \$6.50.**

European (*L. Europea*) A tall conical tree, very graceful in park and landscape; remarkable for its soft green foliage, which expands with the first warm days of early Spring.

Each 75c; 10, \$6.50.

LINDEN (*Tilia*)

American (*T. Americana*) Shapely and handsome, foliage large. **Each 75c; 10, \$6.50.**

European (*T. Europea*) Similar to American. Leaf smaller. **Each \$1.25; 10, \$9.00.**

LOCUST (*Robinia*)

Black (*R. Pseudacacia*) Rapid grower, fine for street planting. **Each 75c; 10, \$6.50.**

Honey (*Gleditsia Triacanthos*) Slow grower, a drought resister. Fine for hedge or wind break. **Each 75c; 10, \$6.50.**

MAGNOLIA

Cucumber Tree (*Magnolia Acuminata*) Tall, pyramidal tree. Showy leaves and yellowish white flowers. **Each \$1.50; 10, \$12.50.**

Maiden Hair Tree (*Ginkgo Biloba*) Foliage resembles maiden hair fern; yellowish-green. **4 to 6 feet, \$1.00.**

DECIDUOUS TREES—Continued

MAPLE (Acer)

- Ash Leaved** (*A. Negundo*) A rapid grower, fine street tree, foliage ash-like. **Each \$1.00; 10, \$8.50.**
- Oregon Soft** (*A. Macrophyllum*) A rapid grower, fine for avenues. Leaves large. **6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.**
- Sycamore** (*A. Pseudoplatanus*) Tree large and spreading with handsome foliage. **6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.**
- Silver** (*A. Saccharinum*) A rapid grower, graceful and very beautiful; leaves silvery. **6 to 8 feet, 50 to 60c; 8 to 10 feet, 75c to \$1.00.**
- Norway** (*A. Platanoides*) Large, growth compact; foliage deep green. Handsome. **6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.**
- Purple Leaf Sycamore** (*A. Pseudoplatanus purpurascens*) Purplish green foliage, sycamore-like. **6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.**
- Red** (*A. Rubrum*) Medium grower, compact and shapely. Fine for lawn or avenue. **6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.**
- Sugar or Hard** (*A. Saccharum*) A rapid grower popular in the East; a shapely tree with beautiful autumnal coloring. **6 to 8 feet, 50c to 60c; 8 to 10 feet, 75c to \$1.00.**

DWARF MAPLE (Acer Palmatum)

- Japan Red** (*A. P. Sanguineum*) Very handsome, leaves crimson red. **2 to 3 feet, 75c; 10, \$6.50.**
- Japan Variegated** (*A. P. Var.*) Leaves white and green. Pretty and striking. **2 to 3 feet, 75c; 10, \$6.50.**
- Red Cut Leaf** (*A. P. Dissectum*) The foliage is a rich crimson color, thin graceful and as delicately cut as the finest fern. One of the finest and most distinct and effective varieties. **2 to 3 feet, \$1.00.**
- Green Leaf** (*A. P. Aurea*) Very handsome, leaves bright green. **2 to 3 feet, 75c.**

MOUNTAIN ASH (Sorbus)

- American** (*S. Americana*) Very ornamental, handsome foliage turning orange red in the Fall. Red berries remain on the tree most of the winter. **Each 75c; 10, \$6.50.**
- European** (*S. Aucuparia*) White flowers, then beautiful red berries. **Each 75c; 10, \$6.50.**

MULBERRY (Morus)

- Downing's Everbearing** (*M. Rubra*) A rapid grower with good fruit. Fine as a shade tree. **Each 75c; 10, \$6.50.**
- New American** (*M. Americana*) A rapid grower, handsome; splendid as a shade tree. **Each \$1.00; 10, \$8.50.**
- Hicks American** (*M. Americana Hicks*) A strong thrifty grower; fruit large, black and fine flavor. **Each \$1.00; 10, \$8.50.**

OAK (Quercus)

- English** (*Q. Pedunculata*) Low growing, spreading habit and rapid growth. **Each 75c; 10, \$6.50.**

- Red American** (*Q. Rubra*) A rapid grower, large size. **Each 75c; 10, \$6.50.**
- Pyramidal** (*Q. Pedunculata Fastigiata*) Handsome with pyramidal branches and deep green foliage. **Each \$1.50; 10, \$12.50.**
- Scarlet** (*Q. Coccinea*) Pyramidal shape, foliage changes to bright red in Fall. **Each 75c; 10, \$6.50.**

POPLAR (Populus)

- Bolle's Silver** (*P. Alba Bolleana*) A compact upright grower, foliage glossy. **Each 60c; 10, \$5.00.**
- Lombardy** (*P. Nigra Fastigiata*) An erect, rapid grower. **Each 35c; 10, \$3.00.**
- Golden** (*P. Deltoidea vangeerti*) Foliage a fine golden yellow. **4 to 5 feet, 75c.**
- Balm of Gilead** (*P. Candicans*) Tall and handsome, branches spreading. **Each 50c; 10, \$4.50.**
- Carolina** (*P. Caroliniensis*) A very rapid grower. **Each 60c; 10, \$5.00.**
- Cottonwood** (*P. Deltoidea*) A very rapid growing, soft wood tree with spreading head. **Each 45c; 10, \$3.50.**

PURPLE LEAF PLUM (Prunus)

- Prunus Pissardi.**—Foliage and fruit entirely red. Plums very good quality. Very attractive. **Each \$1.00; 4 to 6 feet, 75c.**
- Prunus Vesuvius.**—Burbank's origin. Crimson foliage with crumpled surface. **Each \$1.00; 4 to 6 feet, 75c.**

SUMAC (Rhus)

- Upland** (*R. Copallian*) Beautiful native tree, glossy foliage, very brilliant in Fall. **4 to 6 ft. 50c.**
- Smooth** (*R. Glabra*) Shrub or low tree with an open crown. Leaves bright green turning scarlet in Fall. Flowers in large clusters, followed by crimson fruits, which hang on all winter. **4 to 6 feet, 50c.**
- Cut Leaf** (*R. Glabra Laciniata*) A beautiful tree with large leaves deeply and finely cut and drooping, graceful habit. **4 to 6 feet, 75c.**
- Staghorn** (*R. Hirta*) This remarkable new variety of our native sumac has the same rapid growth as our common form, but the leaves are so beautifully formed that they rival the most delicate fern. **4 to 6 feet, 75c.**

SYCAMORE OR PLANE (Platanus)

- American** (*P. Occidentalis*) Has broad foliage and handsome bark. **4 to 6 feet, 75c; 10, \$6.50.**
- Oriental** (*P. Orientalis*) Erect growing tree with mottled trunk. Foliage bright green. **Each 75c; 10, \$6.50.**
- Sweet Gum** (*Liquidambar Styraciflua*) A very beautiful American tree with glossy green, star-shaped foliage. **Each 75c; 10, \$6.50.**
- Tulip Tree** (*Liriodendron Tulipifera*) Leaves light, glossy green, fiddle shaped flowers, greenish yellow, tulip shaped. **Each \$1.50; 4 to 6 ft, \$1.00.**
- Willow Osier** (*Salix*) A low growing tree valuable for basket making. **Each 65c; 10, \$5.00.**
- Walnut.** See nut trees.

Weeping Trees

ASH (Fraxinus)

- European Weeping** (*F. Excelsior*) Splendid arbor tree. **Each \$1.25; 10, \$10.00.**

WILLOW (Salix)

- Wisconsin** (*S. Babylonica dolorosa*) Large glossy leaves and very pendulous habit. **Each 75c; 10, \$6.50.**
- American** (*S. Babylonica*) The well known common weeping willow. **Each 50c; 10, \$4.50.**
- Kilmarnock** (*S. Caprea Pendula*) A distinct variety, having reddish shoots and large, glossy foliage. They make a most desirable and graceful drooping small tree for lawns. **6 feet and 2 year heads, each \$1.00 to \$1.50.**

BIRCH (Betula)

- Cut Leaved Weeping** (*B. Laciniata Pendula*) Trailing habit with dense, irregular head. **Each \$2.00.**

CHERRY (Cerasus)

- Japanese White** (*C. Pendula*) Graceful and very beautiful, hard to equal. **4 to 6 feet, \$1.25.**

ELM (Ulmus)

- Camperdown Weeping** (*U. Scabra Pendula*) Vigorous branches, forming a roof-like head. **Each \$1.50; 10, \$12.50.**

MAPLE (Acer)

- Wier's Cut Leaved** (*A. Saccharinum wieri*) Very handsome with cut foliage. **6 to 8 feet, \$1.50.**

MULBERRY (Morus)

- Tea's Weeping** (*M. Alba Pendula*) Very graceful; branches long and slender and drooping parallel to trunk. **Each \$1.50; 10, \$12.50.**

Deciduous Shrubs

ALTHEA

- Rose of Sharon** (*Hibiscus Syriacus*) Flowers delicate, bell shaped, blooming at different times during the summer. **3 to 4 feet, 50c; 10, \$4.50.**
- Grandiflora Superba.**—Double delicate bluish carmine center. **3 to 4 feet, 50c; 10, \$4.00.**
- Elegantissima.**—Double white. **3 to 4 feet, 50c; 10, \$4.00.**
- Meehani.**—Leaves variegated. Single lilac-pink flowers. **Each 60c.**

ALMOND (Prunus)

- Pink Flowering** (*P. Japonica*) Well known early dwarf shrub. Double clear pink little roses festoon the gracefully bending branches. **2 feet, 75c.**
- White Flowering** (*P. Japonica*) Same though white flowers. **2 feet, 75c.**
- Arrow Wood** (*Viburnum Dentatum*) A handsome shrub adapted to wet soils. **4 ft, 50c; 10, \$4.00.**

CRAB (Malus)

- Bechtel's Flowering** (*M. Ioensis Bechtelii*) Flowers pink and very fragrant. In appearance, a tree of roses. **3 to 4 feet, each 75c.**
- Flowering** (*M. Floribunda*) Tree low growing, fine for lawn or to accompany similar shrubs. **3 to 4 feet, 50c; 10, \$4.00.**

AZALEA

- Japanese Azalea** (*A. Mollis*) Very bushy, a young and prolific bloomer. Colors, red, orange and yellow. **Each 75c.**

BARBERRY (Barberris)

- Purple Leaved** (*B. Vulgaris Atropurpurea*) Having purple foliage, very pretty. **Clump 25c each.**
- Common** (*B. Vulgaris*) Very graceful and well known; with showy fruit in Fall. **Clumps 15c ea.**
- Thunberg's** (*B. Thunbergii*) Dwarf; foliage small; changes to beautiful red in Fall. Fine for hedge. Prices of Barberry, **2 to 3 feet, 50c.**

CHERRY (Cerasus)

- Flowering Chinese.**—Large double white flowers. **2 to 3 feet, 60c; 10, \$5.00.**
- Flowering Siebolds Red.**—Large double red flowers. **2 to 3 feet, 60c; 10, \$5.00.**
- Flowering Siebolds, White.**—Large semi-double white flowers. **2 to 3 feet, 60c; 10, \$5.00.**

CALYCANTHUS (Butneria)

- Floridus** (*B. Florida*) Flowers reddish brown, sweet scented. Leaves broad, dark green, making graceful masses. **2 to 3 feet, 50c; 10, \$3.50.**
- Current Flowering** (*Ribes Sanguineum*) Graceful; flowers red, berries blue. Very desirable for shady spots. **3 to 4 feet, 25c.**

DOGWOOD (Cornus)

- Yellow Leaved** (*C. Alba Spaethi*) Foliage yellowish green, turning scarlet and yellow in Autumn. Flowers cream color; late Spring. **4 to 6 ft, 50c.**
- Cornus Florida.**—See Deciduous Trees.

DEUTZIA

- Pride of Rochester** (*Deutzia Crenata*) Tall, very beautiful. Flowers double white. **3 to 4 ft, 25c; 10, \$2.00; 4 to 6 ft, 50c; 10, \$4.50.**
- Slender** (*D. Gracilis*) A very popular and desirable low growing shrub. **18 to 24 in., 50c; 10, \$4.50.**
- Lemoine's** (*D. Lemoinei*) A small shrub with spreading branches, usually about three feet tall. Leaves bright green, flowers white in large clusters. **2 to 3 feet, 50c.**
- Double Pink** (*D. Crenata Flore Rosea Plena*) Beautiful dainty pink flowers. Very showy. **3 to 4 feet, 50c.**

ELDER (Sambucus)

- Cut Leaved** (*S. Nigra Laciniata*) Deep, cut foliage. **2 to 3 feet, 50c.**
- Golden Leaved** (*S. Foliis Aurea*) The finest in rich coloring of all the hardy shrubs; the entire foliage remaining a bright, golden color throughout the Summer. Should be in every collection. **4 to 6 feet, 75c.**

FILBERT (Corylus)

- Purple Leaved** (*C. Maxima purpurea*) Leaves and husks purple; very ornamental. Nuts good. **3 to 4 feet, 75c.**

GOLDEN BELL (Forsythia)

- Common Golden Bell** (*F. Viridissima*) Most common; deep green foliage. Fine in partial shade. **3 to 4 feet, 50c.**
- Fortune's Golden Bell** (*F. Suspensa Fortunei*) Bark bright yellow; blooms in dense masses of golden flowers in April. **2 to 3 feet, 50c.**
- Golden Leaf** (*F. Aurea*) The golden leaves of this form add additional attractions and can be used effectively in shrub groupings. **2 to 3 feet, 50c.**
- Bush Honeysuckle** (*Lonicera Standisha*) Very beautiful. **3 to 4 feet, 50c.**
- For others, see Vines.

HYDRANGEA

- Paniculata Grandiflora.**—Heads extra large; cream color in bud, then turning pure white, finally changing to bronze. **3 to 4 feet, 75c.**
- Otoska.**—Flowers large, color pink. Bush quite large. **1 to 2 feet, 75c.**
- Thomas Hogg.**—Very hardy, white; splendid bloomer. **1 to 2 feet, 75c.**

LILAC (Syringa)

- Common Purple** (*S. Vulgaris*) Very fragrant, an old favorite. **3 to 4 feet, 50c; 10, \$4.50.**
- Common White** (*S. Vulgaris Alba*) Same as above. Flowers white. **3 to 4 feet, 50c; 10, \$4.50.**
- Fine Named Varieties:** Choice plants. **3 to 4 feet, each \$1.00.**
- Chas. X.**—Single—A strong rapid grower; trusses large and loose, color reddish purple.
- Pres. Grevy.**—Double—Magnificent; beautiful blue panicles; very large.
- Ludwig Spaeth.**—Single—Very fine; trusses large; deep purple.
- Mme. Lemoine.**—Double—White color; fine for winter forcing.

MOCK ORANGE (Philadelphus)

- Common** (*P. Coronarius*) Flowers large and slightly fragrant. Slender twig habit. **3 to 4 feet, 50c; 10, \$4.00.**
- Hybrid** (*P. Lemoinei*) Double, carmine-violet. Very handsome. **2 to 3 feet, 50c.**

QUINCE FLOWERING (Cydonia)

- Japanese** (*C. Japonica*) Very popular, blooms profusely in Spring. Flowers dazzling scarlet; splendid hedge. **3 to 4 feet, 50c; 10, \$4.00.**
- White** (*C. J. Candida*) White flowers, same price as red.
- Pink** (*C. J. Rosea*) Pink flowers, very showy. Same price as red.
- Strawberry or Spindle Tree** (*Euonymus Europaeus*) A small tree bearing medium size scarlet berries. **4 to 5 feet, 50c.**

SNOWBALL (Viburnum)

- Japanese** (*V. Tomentosum Plicatum*) Flowers pure white, delicate, large globular heads, in May. **2 to 3 feet, 75c.**
- Common** (*V. Opulus Sterile*) Flowers globular, pure white, in May. **3 to 4 feet, 50c; 10, \$4.00.**
- St. Johns Wort** (*Hypericum Aureum*) Low growing with yellow blooms; a drought resister. July and August. **Each 50c, Clump.**
- Smoke Tree** (*Rhus Cotinus*) Low growing and shrubby, flowers feathery, appearing like a cloud of smoke. **75c to \$1.00.**

SPIREA

- Snow Garland** (*S. Thunbergii*) Flowers small white, very early. **2 to 3 feet, 50c; 10, \$4.00.**
- Billard's** (*S. Billardi*) Flowers red in dense spikes, blooms most of Summer. **3 to 4 feet, 50c; 10, \$4.00.**
- Van Houtte's Bridal Wreath** (*S. Vanhouttei*) Very graceful; flowers white in round clusters. May. **3 to 4 feet, 50c; 10, \$4.00.**
- Crimson**—Anthony Waterer (*S. Bumalda*) A most desirable variety, having deep red flowers, blooming all Summer, fine for foreground planting. **Each 50c.**
- Japanese** (*S. Callosa*) Purplish foliage while young, flowers rosy pink in July. **Each 50c.**
- Tree Peony.**—Red, White, Pink. **2 to 3 ft, \$1.50.**
- Tamarix.**—Elegant, fine flowering and handsome foliage, flowers carmine-red. August, September. **[3 to 4 feet, 50c.]**

Deciduous Shrubs—Continued

WEIGELIA

- Candida.**— Flowers white; bush tall and very graceful. 50c.
Rosea.— Flowers light pink, shrub compact and shapely. 50c.
Eva Rathke.— Flowers red. One of the very best. Slightly dwarf. 75c.
Variegated.— Leaves become silvery white. 75c.

- Abel Carriere.**— Rose-carmine, changing to red. 75c.
Rose Colored (*W. Amabilis*) One of the more vigorous of these interesting shrubs, flowers a deep rosy red. Each 75c.
Witch Hazel (*Hamamelis Virginiana*) An attractive shrub, foliage handsome, flowers fragrant, bright yellow. 2 to 3 feet, 75c.

Coniferous Evergreens

THIS list includes trees that do not shed all their foliage at one time, thereby remaining green after the deciduous trees are bare.

ARBOR VITAE (Thuya)

- American** (*T. Occidentalis*) Native, known as red cedar. Foliage bright green, yellow-green underneath; brown and bronze in Winter. 2 to 3 ft. 75c.
Golden (*T. Occidentalis aurea*) Elegant; habit regular; foliage tinged with gold in Spring. 2 to 3 feet, \$1.50.
Oriental Weeping (*T. Orientalis Pendula*) Weeping variety, branches pendulous and thread-like, foliage light yellowish-green. 2 to 3 feet, \$1.50.
American Variegated Pyramidal (*T. Occidentalis Pyramidalis*) Pyramidal form, foliage dark green. 2 to 3 feet, \$1.00.
Oriental (*T. Orientalis*) Fine, with close ascending branches of a fan shaped appearance. 2 to 3 feet, \$1.00.
Hoveyii.— Globular in form. Foliage light green. 2 to 3 feet, \$1.50; \$2.50 per pair.

CEDAR (Cedrus)

- Deodar or Indian Cedar** (*C. Deodara*) Very handsome; branches drooping; foliage silvery green. Very popular. Vigorous grower. 2 to 3 ft. \$1.50.
Blue Virginia Cedar (*Juniperus Virginiana Glauca*) Compact upright grower; foliage silvery blue. 2 to 3 feet, \$1.50.
Variegated (*C. Var.*) A fine tree, same as Deodara with silvery white tipped foliage. 2 to 3 ft. \$2.00.
Japanese Cedar (*Cryptomeria Japonica*) Large pyramidal trees; trunk slender and tapering; branches fern like, upward spreading. 3 to 4 feet, \$1.50.
Red Cedar (*Juniperus Virginiana*) Native, with striking form and beautiful color. 2 to 3 ft. 60c.

CYPRESS (Cypressus) New varieties.

- Belle de Boskoop.**— Compact and erect grower. Beautiful blue foliage. 3 to 4 feet, each \$2.00; \$3.50 per pair.
Allumii.— Handsome pyramid shaped conifer. Foliage greenish-blue. 2 to 3 feet, each \$1.50; \$2.50 per pair.
Filifera Glauca.— A beautiful new conifer. Silvery blue foliage. 2 to 3 feet, \$1.50; \$2.50 per pair.
Darlyensis.— A strong grower; golden yellow foliage; spreading habit. 2 to 3 feet, each \$1.50; \$2.50 per pair.
Westermanii.— Beautiful golden foliage; slow grower; spreading habit. 2 to 3 feet, each \$1.50; \$2.50 per pair.
Triumph of Boskoop.— Spreading habit; strong grower; one of the bluest conifers in cultivation. 3 to 4 feet, each \$2.00; \$3.50 per pair.
Wisseli.— This conifer distinguishes itself by its very graceful pyramid, compact and yet strong growth and fine blue color. 3 to 4 feet, each \$2.00; \$3.50 per pair.
Cypress Lawson's (*Chamaecyparis Lawsoniana*) Graceful and conspicuous; branches horizontal, slightly pendulous, foliage dark green. 2 to 3 feet, each \$1.25; 10, \$10.00.

FIR (Abies)

- American Balsam** (*A. Balsamea*) Prized for its delightful aroma. 1 ½ to 2 feet, \$1.25.
Norman's (*A. Normanniana*) Lustrous, deep green foliage; very symmetrical. One of the best. 1 to 1 ½ feet, \$1.25.
White (*A. Concolor*) A fine spruce; rapid growth; very hardy. Very attractive. 1 ½ to 2 ft. \$1.50.

HEMLOCK (Tsuga)

- Western** (*T. Hookeriana*) Very beautiful and appealing; branches pendant and foliage deep green. 2 to 3 feet, 75c; 10, \$6.50.

JUNIPER (Juniperus)

- Irish** (*J. Communis hibernica*) Pyramidal in form, foliage silvery gray. Very striking. 2 to 3 feet, \$1.00.
Common (*J. Communis*) Branches spreading. Fine tree. 2 to 3 feet, 75c.
Swedish (*J. Communis Suecica*) Similar to Irish; upright; one of the best. 2 to 3 feet, \$1.00.

JUNIPERUS.—New varieties.

- Pfitzeriana.**— A graceful growing variety with horizontal branches and grayish-green foliage. 2 to 3 feet, each \$3.00; \$5.00 per pair.
Reevesiana.— A beautiful conifer with golden foliage. Branches horizontal. 2 to 3 feet, each \$3.00; \$5.00 per pair.

JAPAN CYPRESS (Retinospora)

- Retinospora Plumosa.**— One of the best Japanese productions, being hardy and graceful with delicate foliage. 2 to 3 feet, each \$2.00; \$3.50 per pair.
Retinospora Filifera.— Perfectly upright leader and main branches quite horizontal. Foliage of a pleasing light green shade. 2 to 3 feet, each \$2.00; \$3.50 per pair.
Retinospora Obtusa.— A tall growing variety with spreading graceful foliage, bright green underneath. This evergreen should be first choice where only one specimen tree is needed. 2 to 3 feet, \$2.00; \$3.50 per pair.

PINE (Pinus)

- Austrian** (*P. Austriaca*) Well known and widely planted, especially at seashore, growth rapid, quite hardy. 2 to 3 feet, \$1.00.
Chili or Monkey Puzzle (*Araucaria Imbricata*) A fine tree of regular pyramidal form, leaves bright green, broad, thick, pointed and overlapping each other. 2 to 3 feet, \$2.00.
Scotch (*P. Sylvestris*) Robust growth; branches pendulous; leaves bluish green. 3 to 4 feet, 75c; 10, \$6.50.
Yellow (*P. Echinata*) Rapid grower; hardy; splendid timber tree. 3 to 4 feet, \$1.00.
Bull (*P. Ponderosa*) Branches stout, ascending above, forming a loose pyramidal head. 3 to 4 feet, \$1.25.
Umbrella (*Sciadopitys Verticillata*) Rare, very hardy; leaves dark green; Japanese origin. 1 ½ to 2 feet, \$1.25.
Retinospora.— See Japan Cypress.

SPRUCE (Picea)

- Norway** (*P. Excelsa*) A lofty, rapid grower; branches drooping. Fine for hedge or wind break. 2 to 3 feet, \$1.25.
Colorado Blue (*P. Pungens*) The most beautiful of spruces; foliage silvery blue. 1 ½ to 2 feet, \$2.50.
Douglas (*Pseudotsuga Mucronata*) Somewhat similar to our hemlock, rapid grower. 2 to 3 feet, \$1.50.
Sir Alcock's (*P. Alcockiana*) European species, leaves green above and silvery blue beneath. Very compact in habit of growth. 1 ½ to 2 feet, each \$2.50; \$4.00 per pair.
Koster's Blue (*P. Pungens Glauca*) A strain with the brightest blue color yet obtained. New. 1 ½ to 2 feet, each \$3.00; \$5.00 per pair.

Evergreen Trees—Continued

YEW (Taxus)

- American** (*T. Canadensis*) A native evergreen, hardy, prefers shade. **2 to 3 feet, \$1.00.**
English (*T. Baccata*) Slow growth, densely branched, head spreading, dark green leaves. **2 to 3 feet, \$1.00.**

- Irish** (*T. Baccata Fastigiata*) Upright, deep dark green foliage. **2 to 3 feet, \$1.50.**
Variegated (*T. Aurea Var.*) Same as Irish, but with part of foliage striped with gold. **2 to 3 feet, \$1.50.**

Evergreen Shrubs

Azalea Hinodegiri—Bright red color, profuse bloomer.

COTONEASTER

- Horizontalis**.—Delightful low-growing shrub. Glossy foliage almost evergreen, and bright red holly-like fruits. Fine for Rockery. **Each 50c.**
Simonsii.—More upright than the preceding. Prized for flowers and bright red berries. **Ea. 50c.**
Microphylla.—Smaller shrub than *Horizontalis*; flowers white, usually solitary blooming in late Spring. Bright red berries lasting the greater part of Winter. **Each 50c.**

BARBERRY (Berberis)

- Common Purple Leaf** (*B. Vulgaris Atropurpurea*). Graceful, upright, leaves purple. **2 to 3 feet, 50c.**
Darwins (*B. Darwini*) A spreading shrub with holly-like leaves; yellow, fragrant flowers in May, followed by dark red fruit. **2 to 3 feet, \$1.00.**
Dulcis.—A new variety. Strong upright grower with beautiful glossy leaves. **2 to 3 feet, \$1.00.**
Stenophylla.—Another new variety; dwarf, spreading habit. Flowers in Spring. **Each \$1.00.**

BOX (Buxus)

- Variegated** (*B. Var.*) Leaves striped golden. **1 ½ to 2 feet, 60c; 10, \$5.00.**
Dwarf (*B. Suffruticosa*) Small bush; leaves glossy, roundish; used for edging. **1 to 1 ½ feet, 50c; 10, \$4.50.**
Tree (*B. Arborescens*) Large shrub; habit dense; foliage green and small. **2 to 3 feet, \$1.00.**

BROOM (Cytisus)

- Scotch** (*C. Scoparius*) Branches drooping, covered in Spring with bright yellow pea-shaped flowers. **3 to 4 feet, 50c.**
White Flowering (*C. S. Alba*) Same as Scotch. Flowers white. **3 to 4 feet, 75c.**
Spanish (*Spartium Junceum*) Same as Scotch; upright; branches leafless, superior to Scotch. Blooms continuously throughout the Summer; larger, nicer flowers; very desirable. **3 to 4 feet, 50c.**

Climbing Vines

- Boston Ivy** (*Ampelopsis Veitchii*) Leaves glossy green, coloring bronze in Fall; flowers small; berries deep blue. **Each 35c.**

CLEMATIS

- Jackmanii**.—Large deep purple. **Each 75c.**
Henryii.—Large white. **Each 75c.**
Villa de Lyon.—Large bright red. **Each 75c.**
Paniculata.—Hardy, Jap climber, clusters of white, fragrant flowers. **Each 50c.**

HONEYSUCKLE (Lonicera)

- Tartarian** (*L. Tartarica*) Deciduous; flowers pink. **Each 35c.**
Chinese (*L. Chinensis*) Half evergreen, flowers white and pink; fragrant. **Each 35c.**
Japanese (*L. Japonica*) Evergreen; fragrant flowers, white changing yellow. **Each 35c.**
Halls (*L. Halleana*) Evergreen, very popular; white turning to yellow. **Each 35c.**
Belgian (*L. Belgica*) Flowers yellow, blotched with red above; blooms all Summer; fragrant. **Ea. 35c.**
Ivy English (*Hedera Helix*) Large, thick, shining, leathery leaves. **Each 35c.**

Camellia (*Camellia Japonica*) White, Pink or Red. Fine Winter flowering shrub with dark green glossy leaves; flowers waxy. **2 to 3 feet, \$1.25.**

DAPHNE

- White** (*D. Odora*) Low growing, flowers in Winter; foliage glossy. **2 to 3 feet, \$1.25.**
Pink (*D. Odora*) Similar, with flowers pink, foliage variegated. **Each \$1.50.**
Lauristinus.—Many white flowers in Winter, fine hedge. **2 to 3 feet, 75c.**

HOLLY (Ilex)

- European** (*I. Aquifolium*) A small tree; leaves shiny dark green, thorny. Berry bearing. **2 to 3 feet, \$2.50 to \$3.00.**
American (*Ilex Opaca*) Quite hardy; splendid tree. **1 to 1 ½ feet, \$1.00 to \$1.50.**
Golden Variegated (*I. Aquifolium aureo-regina*) Leaves blotched creamy yellow with green border. **1 ½ to 2 feet, \$2.50.**
Golden King.—One of the finest golden variegated with large leathery leaves, strong grower and of striking appearance. **Price, each \$2.50; \$4.00.**

LAUREL

- Portugal** (*Laurocerasus Lusitanica*) Dwarfish, leaves dark green, flowers very sweet. **2 to 3 feet, \$1.25; 10, \$10.00.**
English (*Laurocerasus*) Leaves broad, shining; flowers in clusters, creamy white. Purple berries. **2 to 3 feet, \$1.00.**
Oregon Grape (*Mahonia Aquifolia*) Shining, purple, prickly leaves; bright flowers, yellow; berries blue-black. **2 to 3 feet, 75c. (Balled)**
Privet California (*Ligustrum Ovalifolium*) Very suitable, glossy leaves, almost evergreen. (Hedge) **Each, 12 to 18 inches, 6c; per 100, \$4.00.**
Rhododendron (*Hardy Hybrids*) Best varieties. **2 to 3 feet, \$1.00 to \$1.50.**
Sweet Bay (*Laurus Nobilis*) Upright, deep dark green, fragrant leaves. Berries shiny black. **2 to 3 feet, \$1.00; 10, \$8.00.**

JASMINE (Jasminum)

- White** (*J. Officinale*) Free blooming, pure white flowers, star-shaped; foliage delicate, evergreen. **Each 40c.**
Yellow (*J. Nudiflorum*) Branches drooping; enveloped with bright yellow flowers before leaves appear. **Each 40c.**
Trumpet Vine (*Tecoma Grandiflora*) Strong climber; deciduous; flowers orange scarlet. **Each 30c.**
Virginia Creeper (*Ampelopsis Quinquefolia*) Common American Ivy. **Each 25c.**

WISTARIA

- Chinese Purple** (*W. Chinensis*) Flowers pea-shaped, in clusters. **1 foot long, 75c.**
Chinese White (*W. Chinensis*) Same as purple.
Chinese Lavender (*W. Chinensis*) Same as Purple.
American (*W. Frutescens*) Flowers pale lilac, with yellow spots; blooms later. **Each 75c.**
Bignonia Tweediana.—Evergreen, clinging; flowers canary yellow. **Each 50c.**
Dutchman's Pipe (*Aristolochia Macrophylla*) Leaves like great Morning Glory foliage; curious pipe-like flowers. A splendid vine of extreme hardiness and very characteristic foliage.

Roses

The name and date following name of rose is the originator and date of introduction. Strong 2 year plants, each 35c; \$3.25 per dozen.

American Beauty (Ledechaus, 1875) The well known red rose.

Frau Karl Druschki (Lambert, 1900) Snow white, very large, full, perfectly formed; superb.

General Jacqueminot (Roussel, 1853) Crimson scarlet; large, full, very fragrant; excellent.

La France (Guillot, 1867) Beautiful silvery pink, large, full, fine form, free blooming, very highly perfumed.

Madame Caroline Testout (Pernet-Ducher, 1890) Satin rose, with brighter center; large, full, very free, sweet; a valuable rose. The official Portland Rose.

Madame Abel Chataney (Pernet-Ducher, 1895) Carmine rose; shaded with salmon; very free-blooming; fine.

Maman Cochet (Sc. Cochet, 1893) Carmine, mingled with salmon-yellow, large, full; superb.

Maman Cochet White (Cook, 1897) A sport from Maman Cochet with creamy-white flowers faintly tinged with blush; long pointed buds opening to large flowers. Very beautiful.

Paul Neyron (Levet, 1869) Deep rose; enormous size.

Rainbow (Dingee, 1891) Pink, striped and splashed with bright carmine; good shaped buds with fine petals; free blooming.

Ulrich Brunner (Levet, 1882) Cherry-crimson, large; fine form; a good garden and exhibition rose.

CLIMBING VARIETIES

Blue Rambler (Unknown) A sport from the crimson Rambler. Flowers blue.

Crimson Rambler (Turner, 1893) Crimson double, producing large trusses; a magnificent variety.

Dorothy Perkins (Perkins, 1902) Soft light pink flowers profusely in large clusters; very fragrant and lasting.

Madam Alfred Carrier (Schwartz, 1879) Pure white, very free; a good pillar rose.

Reine Marie Henrietta (Levet, 1873) Deep cherry red; commonly called Red Gloire de Dijon; very useful.

Wm. Allen Richardson (Ducher, 1878) Very deep orange-yellow; small, very showy and distinct; good.

NEWER VARIETIES

Strong 2 year plants, 50c each; \$4.00 per 10.

Avoca (Alex. Dickson, 1905) Crimson scarlet buds very long and pointed, flowers large and sweetly perfumed.

Lyon Rose (Pernet-Ducher, 1907) Shrimp pink at edge of petals, center coral red or salmon shaded with crome yellow, making a most distinct and charming combination; large, full, perfectly formed; petals of great substance; very fragrant; excellent.

Marechal Neil (Pradel, 1864) Immense, deep golden flowers with the deepest, richest tea fragrance of all roses.

Mildred Grant (Alex. Dickson, 1901) Silvery white, edge of petals shaded and bordered with pink; enormous size and substance, with high pointed center. Altogether this is one of the grandest varieties ever raised.

Mrs. A. R. Waddell (Pernet-Ducher, 1908) Rosy-scarlet bud, opening reddish salmon, reserve of petals rosy scarlet, semi-double, fine for bedding; a lovely rose.

Richmond (E. G. Hill & Co., 1905) Pure red scarlet; free blooming, especially valuable for forcing purposes; fragrant, very fine.

NEW AND RARE VARIETIES

Sunburst (Pernet-Ducher, 1912) Strong, vigorous, upright growth, handsome green foliage, buds long and pointed, generally carried singly on long, stout stems; flowers large and full, opening to beautifully formed, full deep flowers; color superb cadmium yellow, with orange yellow center. This is undoubtedly the finest of all yellow roses at present.

Price, \$1.00 each; \$7.50 per 10.

Harry Kirk (Alex. Dickson, 1907) Flowers deep sulphur buds, long, of perfect form, free bloomer. Awarded Gold Medal, National Rose Society.

Price, 75c each; \$5.00 per 10.

Lady Hillingdon (Lowe & Shawyer, 1910) Deep apricot; long pointed buds, free bloomer. Gold Medal, National Rose Society.

Price, 75c each; 10, \$5.00.

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Azalea	17-19	Dutchman's Pipe	19	Maidenhair Tree	15	Sambucus	17
Asparagus	13	Dwarf Fruit Trees	5	Malus	17	Syringa	17
Balm of Gilead	16	Elder	17	Mahonia	19	Strawberry Tree	17
Barberry	17-19	Eim	15	Magnolia	15	Spindle Tree	17
Barberris	17-19	Empress Tree	15	Maple	16	Snowball	17
Beech	15	Euonymus	17	Mountain Ash	16	St. Johns Wort	17
Betula	15	Fagus	15	Mock Orange	17	Smoke Tree	17
Bignonia	19	Filbert	14-17	Monkey Puzzle	18	Spirea	17
Bignoniodes	15	Fir	18	Morus	16	Sciadopitys Verticillata	18
Birch	15	Forsythia	17	Mulberry	16	Spruce	18
Blackberry	11	Fraxinus	15	Nectarines	9	Sparteam	19
Black Cap	12	Fringe	15	Nut Trees	14	Sweet Bay	19
Box	19	Ginkgo	15	Oak	16	Thorn	15
Broom	19	Glutiosa	15	Oregon Grape	19	Tulip Tree	16
Butneria	17	Golden Chain	15	Paulownia	15	Tamarix	17
Butternut	14	Golden Bell	17	Peaches	9	Thuya	18
Buxus	19	Gooseberries	12	Pears	6	Tilia	15
Calycanthus	17	Grapes	10	Peony	17	Tsuga	18
Camellia	19	Hamamelis	18	Picea	18	Taxus	19
Catalpa	15	Hawthorne	15	Pine	18	Trumpet Vine	19
Cedar	18	Hemlock	18	Pinus	18	Tecoma	19
Cedrus	18	Hickory	14	Philadelphus	17	Ulmus	15
Cerasus	17	Holly	19	Plane	16	Viburnum	17
Chamaecyparis	18	Honeysuckle	17-19	Platanus	16	Virginia Creeper	19
Cherry, Flowering	17	Hydrangea	17	Plums	8-9	Walnut	14
Cherries	9	Hypericum	17	Poplar	16	Willow	16
Chestnut	14	Ilex	19	Populus	16	Weeping Trees	16
Chionanthus	15	Ivy	19	Prunus	16-17	Weigelia	18
Chestnut, Flowering	15	Jasmine	19	Prunes	8	Witch Hazel	18
Clematis	19	Jasminum	19	Privet	19	Wistaria	19
Cotoneaster	19	Japan Cypress	18	Pseudotsuga	18	Yew	19
Corylus	17	Juniper	18	Purple Plum	16		

Spray Calendar—When to Spray, What to Use

Insect or Disease	Plant Attacked.	What to Spray With.	First Spraying.
Codling Moth	Apple, Pear	Arsenate of Lead	Just before calyx cups close
San Jose Scale		Scalecide Standard Sulphur	
Oyster Shell Bark Louse	Apple, mainly	Lime Solution	When leaves are off the tree
Peach Moth or Twig Borer	Peach	Standard Sulphur-Lime	
Wolly Aphis	Apple	Solution	When leaves are off the tree
Aphis	Roses and plants	Scalecide, 1 part to 20 parts water	When the insects appear.
Cabbage Worm	Cabbage	Scalecide, 1 part to 40 parts water	When the insects appear.
Cabbage Aphis	Cabbage	Aphiscide, Fir Tree Oil Soap	Just as soon as the insects appear.
Slug	Pear, Cherry, Peas	Bug Death (non-poisonous).	Before the worms eat into the cabbage.
Thrips	Roses	Scalecide, 1 part to 40 parts water	When the insects appear.
Cottony Scale	Pear, Currant	Slug Shot, or Bug Death	When the insects appear.
Scab	Apple, Pear	Thrip Juice, or Aphiscide	When insects become cottony (May).
Blackspot Canker	Apple	Scalecide, 1 part to 40 parts water	Just before blossoms open.
Leaf Curl	Peach	Bordeaux	Immediately after leaves fall
Mildew	Gooseberry	Bordeaux, double strength.	
		Standard Sulphur - Lime Solution	Before buds burst.
		Potassium Sulphide 1 ounce to 2 gallons water	Just as buds burst.

Lime and Sulphur

Lime and sulphur thoroughly and properly applied as a winter spray will do much to avoid many of the troubles of the orchardist. Its action as an effectual cure and preventive for fungus diseases and injurious insects is established beyond doubt, and very little Bordeaux will be needed later, if the winter spraying has been properly done.

Gummosis—Lime and sulphur solution is also the most efficient of all known agents in the control and prevention of gummosis in cherry trees.

Black Leaf "40"

For summer spraying this new tobacco preparation is the most satisfactory and effective against aphides and other insects.

SEE STATEMENT ON LIABILITY ON FRONT COVER.

At three International Exhibitions our Oregon Grown Nursery Stocks and Original Introductions, have been awarded five Gold, Silver and Bronze Medals and four Diplomas—Special Awards of Merit.



The Lewis Apricot is the largest, handsomest and one of the hardiest, best flavored apricots grown—See page 5.

